IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Takayuki ASAI

Title: OBJECT FILTERING METHOD
                AND CLIENT DEVICE USING
                THE SAME

Appl. No.:   09/975,505

Filing Date: 10/12/2001

Examiner: England, David E.

Art Unit: 2143

Confirmation   9792
Number:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be

appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

RELEVANCE OF EACH DOCUMENT

Applicant respectfully requests that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Examiner in the corresponding Japanese patent application has commented as follows:

****

Note:

Cited Literature 1: "Towards standardization of new HTML for mobile telephones," *Mobile Media Magazine*, Vol. 6, No. 7, C. Media Co., Ltd., June 13, 1998, pages 78–79

Cited Literature 2: Motoya SASAKI, "Towards content creation for cell phones with a built-in browser: The two schemes of HTML and WML," *Nikkei Internet Technology*, No. 12, Nikkei BP-sha, June 22, 1998, pages 106–113

Cited Literature 3: Yasuhiro MIZUKOSHI et al., "Stationary agent type middleware 'Mobile internet communication technology,'" *NEC Technical Journal*, Vol. 52, No. 4, April 23, 1999, pages 48 through 52

Cited Literature 4: Japanese Unexamined Patent Application Publication 2000-194612

Cited Literature 5: Japanese Unexamined Patent Application Publication 2000-222277

Cited Literature 6: Japanese Unexamined Patent Application Publication H10-243048

Cited Literature 7: Japanese Unexamined Patent Application Publication H4-181337

Cited Literature 8: Japanese Unexamined Patent Application Publication H9-181767

(REMARKS)

• Claims 1 through 16

• Cited Literature 1 through 8

On page 79 of Cited Literature 1, an overview of a WAP system is presented, and it is disclosed that HTML data is converted to WML data by means of a filter.

On page 113 of Cited Literature 2, a proxy server is disclosed which discriminates the type of accessing terminal, performs conversion processing on WWW server content to match the terminal, and then transmits the data to the terminal.

Cited Literature 3 discloses performing color reduction and compression of images by using a proxy server for filtering of data from a server on the Internet (page 50, right column).

Cited Literature 4 discloses performing content conversion of electronic documents in a wireless gateway with consideration to the wireless device type.

Cited Literature 5 discloses that a client transmits an HTTP request containing personal options to a server, and the server transmits a file customized according to the personal options to the client.

Deleting graphic images or other multimedia elements from a web page is also disclosed as an example of such personal options (paragraph (0024)).

Cited Literature 6 discloses that when static image data is transmitted from a server to a terminal, the remaining disk capacity on the terminal side is acquired, and color reduction processing and resolution reduction processing is carried out until the data fits within the remaining disk capacity before transmitting to the terminal (paragraphs (0044) through (0053)).

Cited Literature 7 discloses constantly monitoring the free area of a reception file and reporting it to the transmitting side.

Cited Literature 8 discloses a terminal device which, upon receiving an inquiry concerning receivable capacity from another terminal device, responds with the receivable capacity minus the memory capacity currently being used ((Claim 14), etc.).

Referring to the disclosures of Cited Literature 1 through 4, converting, i.e. filtering, data from a WWW server for WAP terminal use in a WAP system proxy server is a well-known matter.

Since removing graphic images or other multimedia data in Cited Literature 5 is equivalent to filtering, transmitting an HTTP request containing personal options in Cited Literature 5 corresponds to "notifying of the filtering conditions" in Claim 1 of the present application.

Furthermore, referring to the disclosures of Cited Literature 6 through 8, "monitoring the remaining memory capacity in the client" in Claim 1 of the present application is found to be something which could be easily accomplished by a person skilled in the art.

Therefore, the inventions relating to Claims 1 through 16 of the present application could have been easily conceived of based on Cited Literature 1 through 8.

****

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date _____January 15, 2008_____   By _____/s/_____

FOLEY & LARDNER LLP   Justin M. Sobaje
Customer Number: 22428   Attorney for Applicant
Telephone: (213) 972-4596   Registration No. 56,252
Facsimile: (213) 486-0065